

Method Development and Validation of Antihypertensive Drug by using UV Spectroscopy

Mr. Akib. N. Shaikh¹, Mr. Saurabh. D. Sahare², Mr. Prathamesh N. Shukla³

Prof. Nitin A. Chandekar⁴, Dr. M. D. Kitukale⁵

Students, Department of Pharmaceutical Chemistry¹⁻³

Associate Professor & Guide, Department of Pharmaceutical Chemistry⁴

Principal, M Pharm, Ph D⁵

Pataldhamal Wadhvani College of Pharmacy, Yavatmal, Maharashtra, India

Abstract: *Propranolol belongs to a β -blocker. β -blocking drugs impact blood circulation and myocardial performance. Propranolol is utilized to treat shaking sensations, angina (chest ache), elevated blood pressure (hypertension), heart rhythm disorders, and other coronary and vascular problems. It is also used for treating or avoiding cardiac arrest, and to minimize the duration and intensity of migraine related headaches. Propranolol is categorized as a β -blocker drug. It is used to treat elevated blood pressure, ventricular fibrillation, thyrotoxicosis, capillary hemangiomas, performance anxiety, and vital shaking sensations, as well as to prevent symptoms of migraines and possible heart problems in people who have angina or have had previous heart attacks..*

Keywords: Antihypertensive